

Management of System

				R	E	G	I	O	N	S	
Standard Number	Procedure Title	Description	SRB Approval	N W	N E	C M	M E	S W	S C	S E	State
1.1.0	Operational Management	Defines agency roles in operational management of ARMER system	3/3/2005								X
1.1.1	Protocol for use of Minnesota Incident Management System (MIMS) Channel	To establish a workable radio network for command and control personnel during inter-jurisdictional incidents	SUNSET 1-1-2013								X
1.1.2	Criteria for the Installation of Base Stations and General Operations on MINSEF	To establish a workable radio network for common use by all law enforcement agencies in Minnesota	SUNSET 1-1-2013								X
1.2.0	Network Mangement	Defines responsibilities for Network Management	3/3/2005								X
1.3.0	Database Management	Defines responsibilities for managing system database	3/3/2005								X
1.4.1	Maintenance of Names -System Login Naming	Naming of user accounts	3/3/2005								X
1.4.2	Maintenance of Names -Maintenance of Alias List	Maintaining radio user and talkgroup agency acronym table	3/3/2005								X
1.5.0	Standard of Standard	Defines methods by which the Regional Radio Boards will prepare, implement, and maintain regional standards	10/20/2008								X
1.5.2	Changes to Operational Standards	Defines Change Management process for ARMER system operating procedures	4/28/2011				X				X
1.5.3	Variances and Waivers	Defines process for granting variances or waivers to a requesting agency	3/8/2005				X				X
1.6.1	System Security Groups	Defines Security Groups structure and managing administrative access to objects in the configuration server	3/8/2005								X
1.6.2	Infrastructure Security "Equipment Sites"	Defines security measures for system and subsystem equipment and site security policy	3/8/2005								X
1.6.3	Security "System Keys"	To establish policy and procedures for radio subscriber security; management of Radio System Keys	12/15/2011								X
1.6.4	Security "Encryption Keys"	(not yet created)									
1.6.5	Security "Unauthorized Use"	(not yet created)									
1.6.6	Security - Infrastructure Security "Data Classification"	Defines classification of data about ARMER system	2/26/2009								X

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Standard Number	Procedure Title	Description	SRB Approval	NW	NE	CM	ME	SW	SC	SE	State
1.7.0	Subscriber Radio Standards	To set minimum technical performance standards for suscriber radios on ARMER system; policy for avoiding premature obsolescence of radios; procedures for SRB to measure, test, certify, and publish list of approved radios	3/8/2005								X
1.8.0	System Change Management	To establish procedure for managing and approving changes to ARMER system backbone	4/28/2001				X				X
1.8.1	Bi-Directional Amplifiers	Metro Standard					X				
1.9.0	Regional Development and Responsible Entity	To identify who contracts with each region;hierarchy between MNDOT and potential users	9/27/2007								X
1.10.0	Requesting Participation and Participation Plan Changes	To establish procedure for an eligible entity to apply for participation in ARMER and to make changes to their participation plan	4/28/2011								X
1.10.1	Requesting Participation	Metro standard					X				
1.10.2	Requesting Participation by Non-Public Safety/Non-Public Service Organizations	To establish a policy that will provide for non-public safety/non-public service organizations not specifically addressed in other ARMER standards to use the ARMER system	8/28/2014								X
1.11.1	Training - System Administrators	To establish minimum training standards for system administrators	9/1/2005								X
1.11.2	Training - Technical Staff	To establish minimum training standards for technical staff	9/1/2005								X
1.11.3	Training - Dispatchers	To establish minimum training standards for dispatchers	9/1/2005								X
1.11.4	Training - 800MHz Radio Users	To establish minimum training standards for radio operators	9/1/2005								X
1.11.5	Training - Non Participating Radio Users	To establish minimum training standards for radio operators that have access to interop channels	9/1/2005								X
1.12.0	Excess Capacity Allocation	To establish policies and procedures necessary for allocation of excess capacity in ARMER system	3/27/2008								X
1.13.0	ARMER Aircraft Radio Installations and Operations	To establish policy regarding aircraft subscriber radio installation, programming, and operation on ARMER system	9/24/2009								X
1.14.0	Application for Membership	NW & NE RRB procedures for application for participation in the Board	11/2/2011	X	X						

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Configuration and Allocation

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Standard Number	Procedure Title	Description	SRB Approval	NW	NE	CM	ME	SW	SC	SE	State
2.2.0	Radios Aliases	To set forth the principle for establishing names for radios	9/1/2005								X
2.3.0	Talkgroup and Multigroup Names (Implementation Delayed)	To set forth the principle for establishing standard names for talkgroups and multi-groups (implementation delayed)	4/28/2010								X
2.4.0	Console Naming	To set forth the principle for establishing names for Radio ID's used to support dispatch consoles	9/1/2005								X
2.5.0	ID & Talkgroup Allocation	To simplify management of radio ID's by allocating talkgroup ID ranges and radio ID ranges for individual agencies	10/22/2009								X
2.6.0	Fleetmap Standards	Defines process on how fleetmap information should be documented by each supporting administrative agency	2/26/2009								X
2.7.0	Use of Shared Talkgroups	Predefines sharing authorization of talkgroups	9/1/2005								X
2.8.0	Talkgroup & User Priorities	To establish priority levels for talkgroups	9/1/2005								X
2.9.0	800 MHz Statewide Wide Area Talkgroup Access and Management	To establish policy on radio connectivity with the ARMER system	7/26/2012								X
2.10.0	Telephone Interconnect	Managing use of interconnect functionality	9/1/2005								X
2.11.0	Radio Site Access	Managing site access	9/1/2005								X
2.12.0	Scanning	Defines procedures and responsible authorities for scanning	9/1/2005								X
2.13.0	Logger Port Assignments	Defines procedure for assignment of central logger audio ports	9/1/2005								X
2.14.0	Private Call	Managing use of private calls	9/1/2005								X
2.15.0	Status Message Transmission	Specifies this is an available feature of the system	9/1/2005								X
2.16.0	Emergency Button	Emergency Button configuration information	9/1/2005								X
2.17.0	Multigroup/Announcement	Requirements for shared multigroups and talkgroups within multigroups	9/1/2005								X
2.18.0	CAD & ATIA Connectivity	To establish policy & procedures to connect Cad, Logging systems, and air traffic information access to ARMER system	7/27/2006								X

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Standard Number	Procedure Title	Description	SRB Approval	NW	NE	CM	ME	SW	SC	SE	State
2.19.0	Embassy Audio Switch Port Allocation	Managing system access of audio switch Ports	11/18/2010								X

Interoperability Standards

				R	E	G	I	O	N	S	
Standard Number	Procedure Title	Description	State Standard SRB Approval	NW	NE	CM	ME	SW	SC	SE	State
3.1.0	Use of Regional 800 MHz to MINSEF Interoperability	Metro standard, now deleted									
3.2.0	SYS-TECH Talkgroup	Defines function, purpose, and operation of SYS-TECH talkgroup	3/23/2006								X
3.3.0	Use of Regional 800 MHz to Statewide Fire Mutual Aid Interoperability	Metro standard, now deleted									
3.4.0	Use of Regional 800 MHz to MIMS Interoperability	Metro standard, now deleted									
3.5.0	National/Statewide VHF Interoperability Resources (VLAW31, VMED28, VFIR23, MIMS)	To establish procedures for use and patching of VHF Interop Resources	SUNSET 1-1-2013								X
3.6.0	Use of the METTAC-P and METTAC-A	Metro standard - deleted 5-8-13					X				
3.7.0	Recording Interoperability Channels & Talkgroups	To establish policy and procedure regarding recording interagency communications	7/23/2009								X
3.8.0	LE & IR Nationwide Channels for Interoperability	Metro standard					X				
3.9.0	Nationwide VHF & Interoperability Channels	Metro standard					X				
3.10.0	Interoperability Channels and Talkgroups for U.S. Government Radios	Metro standard					X				
3.11.0	FEDCOM	Metro standard					X				
3.12.0	Talkgroup and Multigroup Ownership	Defines the ownership of private, shared, interop, and multigroup talkgroups	12/17/2009								X
3.13.0	Interoperability Between Regional 800 MHz system and Other 800 MHz systems - ICALL, ITACS	Metro standard					X				
3.14.0	Use of Regional 800 MHz Common Pool Talk Groups - ATACS and PTACS	Metro and Regional standard					X	X	X	X	
3.15.0	How to Use Scene of Action (SOA)	Provides protocol, procedures, and parameters for use of SOA talkgroups	10/23/2008								X

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Standard Number	Procedure Title	Description	State Standard SRB Approval	R	E	G	I	O	N	S	State
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3.16.0	800 MHz Statewide Incident Respose Talkgroups - STACs, ETACs, FTACs, & LTACs	To establish policy & procedures for use of Statewide 800 MHz major incident talkgroups & zones	5/25/2006								X
3.16.1	Threshold of Use of Statewide LTAC 1-4 talk Groups-Vehicle Pursuits	Metro standard					X				
3.16.2	Air Ambulance LZ Standard	Specifies use of Statewide S-TAC talkgroups for landing zones	9/24/2009				X				X
3.16.3	Cross Spectrum Interoperability System 800 MHz National Mutual Aid Resources	To establish procedure for use and patching of 800 MHz national mutual aid resources	9/27/2012								X
3.16.4	Cross Spectrum Interoperability System VLAW31 Resources	To establish procedures for use and patching of VLAW31 resources	9/27/2012								X
3.16.5	Cross Spectrum Interopeability System VHF Variable Frequency Station (VFS) Resources	To establish procedures for use and patching of VHF Variable Frequency Station resources (VFS)	9/27/2012								X
3.16.6	800 MHzStatewide Uniform Interoperability Radio Zones - effective 11/22/13	To establish policy and procedures for the implementation of two 800 MHz uniform interoperability zones in all subscriber radios throughout the state	3/28/2013								
3.17.0	Criteria for State Certification as a Communications Unit Leader type III	To establish protocol & procedures for certification and re-certification of COMLs in Minnesota	7/23/2009								X
3.17.1	Criteria for State Certification as a Communications Unit Leader type III Instructor	To establish protocol & procedures for certification of COML Instructors in Minnesota	5/27/2010								X
3.17.2	S-COML Talkgroup	Defines the function, purpose, and operation of the S-COML talkgroup	1/24/2011								X
3.17.3	Criteria for State Certification as an All-Hazards Communications Technician	To establish protocol & procedures for certification and re-certification for COMTs in Minnesota	2/26/2009								X
3.17.4	Event & Exercise Communications Planning	Metro standard				X	X				X
3.18.0	Standardized FCC Interoperability Channel Naming Format										X
3.19.0	Use of Statewide 800 MHz Common Pool Talkgroups - LE_TACs & LESIU_TACs	To establish policy & procedures for use of Statewide 800 MHz common pool talkgroups	2/26/2009								X
3.20.0	METPHs	Metro standard					X				

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Standard Number	Procedure Title	Description	State Standard SRB Approval	NW	NE	CM	ME	SW	SC	SE	State
3.33.0	Establishment of Strategic Technology Reserve	To establish an organizational structure for coordination and access for Minnesota's Strategic Technology Reserve	11/18/2010								X
3.33.1	STR Radio Cache	To establish policies and procedures for deployment and use of Strategic Technology Reserve radio cache	11/18/2010								X
3.33.2	STR Transportable Tower/Repeater	To establish policies and procedures for the deployment and use of the STR Transportable Tower and Repeater	11/18/2010								X
3.33.3	Satellite Enabled ARMER base Radio Site (SAT-COW)	To establish policy and procedures for the deployment and use of the STR satellite-enabled ARMER base radio site (SAT-COW)	11/18/2010								X
3.33.4	NW STR Transportable Tower/Repeater/Radio Cache	NW Region Standard		X							
3.34.0	Cache Radio Standards	Metro standard					X				
3.35.0	National Weather Service	To define ARMER talkgroups and procedures to be used by National Weather Service offices to communicate with ARMER regions during severe weather events	1/24/2013				X				X
3.36.0	EMS-SMRCC,EMS-MRCXP1 & EMS-MRCXP2	To establish operational policy for use of Statewide EMS Medical Resource Control Center related talkgroups	4/28/2010								X
3.37.0	EMH-SED	To establish operational policy for use of Emergency Medical Hospital Statewide Emergency Department talkgroup	6/23/2011								X
3.38.0	Use of Region 5 Emergency Management Talkgroup R5EMTAC										X
3.39.0	Programming and Use of FCC-Designated Interoperability Channels										X
3.40.0	CASM/TICP Standard for Data Entry and Maintenance	Defines standards of entry and maintenance for CASM data entry to ensure accurate TICP reports	11/17/2011								X
3.41.0	Encryption	To establish guidelines and procedures for use of encryption on the ARMER system									X
3.42.0	Water Patrol Talkgroups	Metro standard					X				

System Access by NGO's

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Board Financial Policies and Procedures

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Compliance and Conflict Resolution

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